

Title (en)

FILTER ELEMENT WITH SELF-CONTAINED ELECTROSTATIC BUILDUP PROTECTION

Title (de)

FILTERELEMENT MIT EIGENEM SCHUTZ GEGEN ELEKTROSTATISCHE AUFLADUNG

Title (fr)

ÉLÉMENT FILTRANT À PROTECTION CONTRE L'ACCUMULATION ÉLECTROSTATIQUE AUTONOME

Publication

**EP 4031264 A4 20231101 (EN)**

Application

**EP 20866704 A 20200911**

Priority

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- US 2020050355 W 20200911

Abstract (en)

[origin: WO2021055246A1] One embodiment relates to a filtration system. The filtration system includes a filter housing and a filter element. The filter housing defines a central cavity. The filter element is disposed within the central cavity. The filter element includes a first endcap, a second endcap, and filter media. The second endcap is disposed axially away from the first endcap. The filter media extends axially between the first endcap and the second endcap. The filter media includes a filter media surface. A support element is in contact with the filter media. The support element is conductive. A first pole is along a surface of support element the filter media. The first pole has a first charge. A second pole is downstream of the first pole. The second pole has a second charge. The first charge is opposite in charge to the second charge.

IPC 8 full level

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Citation (search report)

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- See also references of WO 2021055246A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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